

## Abstract

The invention relates to a three-phase asynchronous electric motor for domestic appliances, comprising power elements, such as triacs or relays, for charge control. The power elements other than the relays are controlled by at least one microcontroller with the aid of an optical insulation means, ensuring electronic programming and also control of the motor with the aid of a command. The microcontroller or microcontrollers are referenced to a zero potential of a recovery and filter block feeding the motor. The controller can be applied to a washing machine in order to control the electric motor which rotationally drives the drum.